



<https://www.flickr.com/photos/polarphotos/4684077396>



<https://pxhere.com/en/photo/1578339>



<https://www.pikrepo.com/flsfr/desert-during-daytime>



<https://www.pikrepo.com/fvdjs/close-up-photo-of-trees>



https://commons.wikimedia.org/wiki/File:Tossa_de_Mar_View.jpg



<https://www.romania-insider.com/fagaras-subalpine-spruce-forests>

I'm in the Zone

My initial thoughts about Climate Regions




Polar	Temperate	Tropical	Arid/Dry	Mediterranean	Mountain



Weather	Climate



Assemble information to help you describe each type of zone.

	What is the temperature range?	What kinds of seasons are there?	Describe the type and amount of precipitation.	Other information learned
 <p>Polar</p>				
 <p>Temperate</p>				
 <p>Arid/Dry</p>				



Tropical

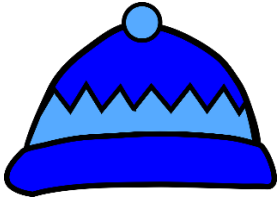


Mediterranean



Mountains

Clothing Items for Different Climate Zones



Wool Hat



T-shirt



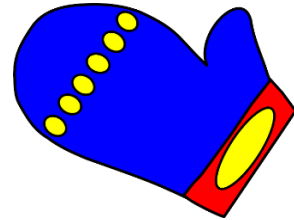
Sun Hat & Glasses



Sweatshirt



Hiking Boots



Mittens



Shorts



Flip Flops



Swim Trunks



Swim Fins



Jeans



Long Sleeve Shirt

Climate Zones Teacher Information Sheet

“**Weather** is the combination of sunlight, wind, snow, or rain, and temperature in a particular region at a particular time. People measure these conditions to describe and record the weather and to notice patterns over time” (NAP, 2012, p. 188). **Climate** describes the ranges of an area’s typical weather conditions over a long period of time. (NAP, 2012). Factors that effect an area’s climate is the distance from the equator, ocean and atmosphere interaction, and weather patterns.

Climate Zone	Information	Possible Locations
Polar	Extremely cold in these zones which are normally found closer to both the north and south pole. Temperatures range on average from XXX to 50F	Alaska South Pole
Temperate	These zones have a mix of weather including typically warm and humid summers and mild to cold winters. Summers will often have thunderstorms.	Most of North America – Missouri, Pennsylvania
Tropical	This particular zone is hot and humid and are closer to the equator. Temperatures are usually 60F or more on average all year round. These areas have significant rainfall each year.	Hawaii,
Arid/Dry	Dry climates due to very little or low moisture in the atmosphere since there is little precipitation	Deserts
Mountains	These areas are often different climates then the surrounding areas due to their elevation. Zones that are wet and often windy. Temperature decreases as you go up in altitude.	Western Montana, Colorado Rocky Mountains
Mediterranean	This zone has cool, wet, winters with hot, dry summers.	Italy, Greece

Additional Resources (please keep in mind that there are different classifications for climate zones based on source).
 National Weather Service – Climate Zones - <https://www.weather.gov/jetstream/climates>
 Scijinks: What are the different climate types. <https://scijinks.gov/climate-zones/>

Climate Zone News Articles

Attached are a series of news articles and information about different climate zones. As you read these articles and search online for additional information at the sites provided, look for information that will help you answer the following questions about each climate zone type:



What is the temperature like in each of these zones?



Are there seasons? What are they like if there are?



How much precipitation does this zone receive? What types of precipitation?



Other interesting information that you learned in your research.

Additional website to use:

- Climate Types for Kids <https://www.climatetypesforkids.com/>

If you use this site, use the following for the different types of climates:

Arid = Arid

Highlands = Mountains

Mediterranean = Mediterranean

Humid Continental = Temperate

Tundra and Ice Cap = Polar

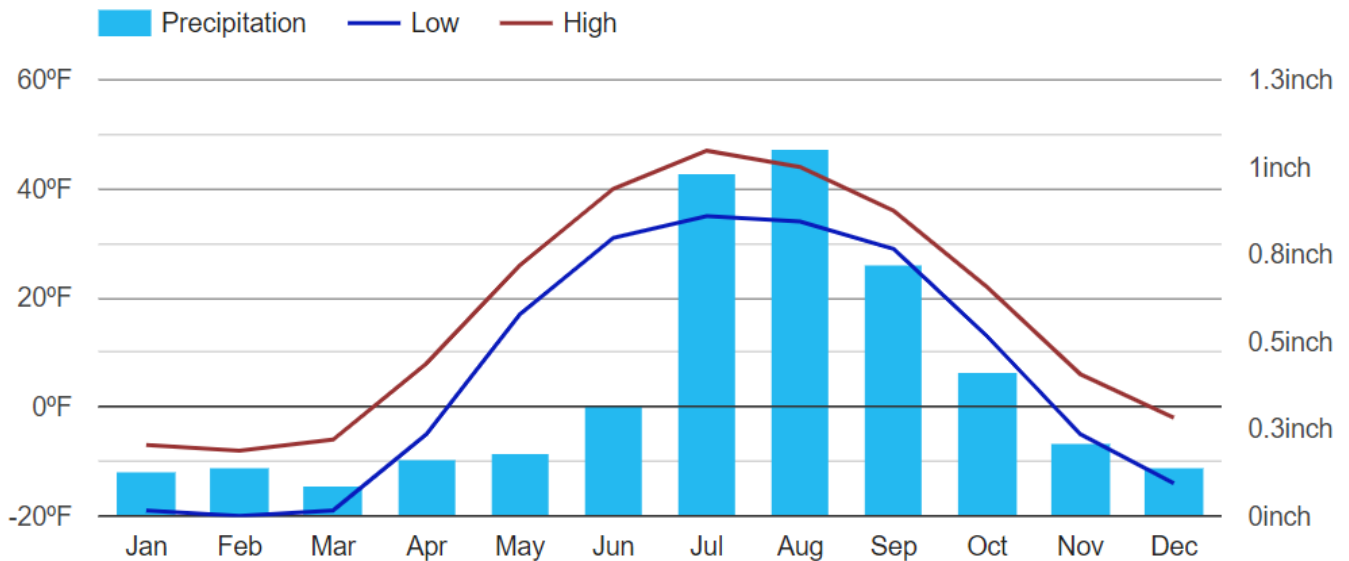
Tropical & Tropical Wet/Dry = Tropical

Polar Climate Zone



Barrow, Alaska is considered the northern most city of the United States. It is located north of the Arctic Circle. It has no daylight for 65 days of the year. Beginning in November and ending in February, there is only nighttime. Barrow's temperature does not get very high. It reaches a temperature above freezing for only about 120 days per year. It can be at or below zero degrees for 160 days per year.

Barrow Climate Graph - Alaska Climate Chart



Barrow, Alaska is part of the United States which is colored in.

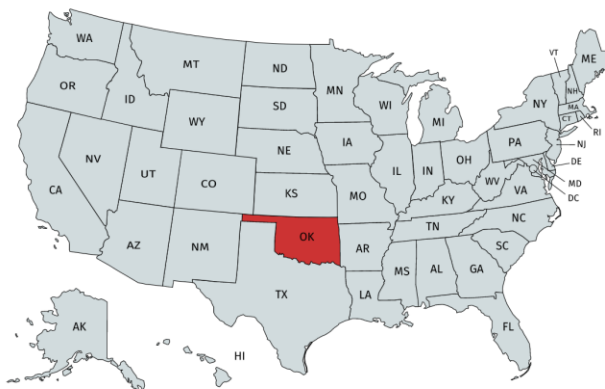
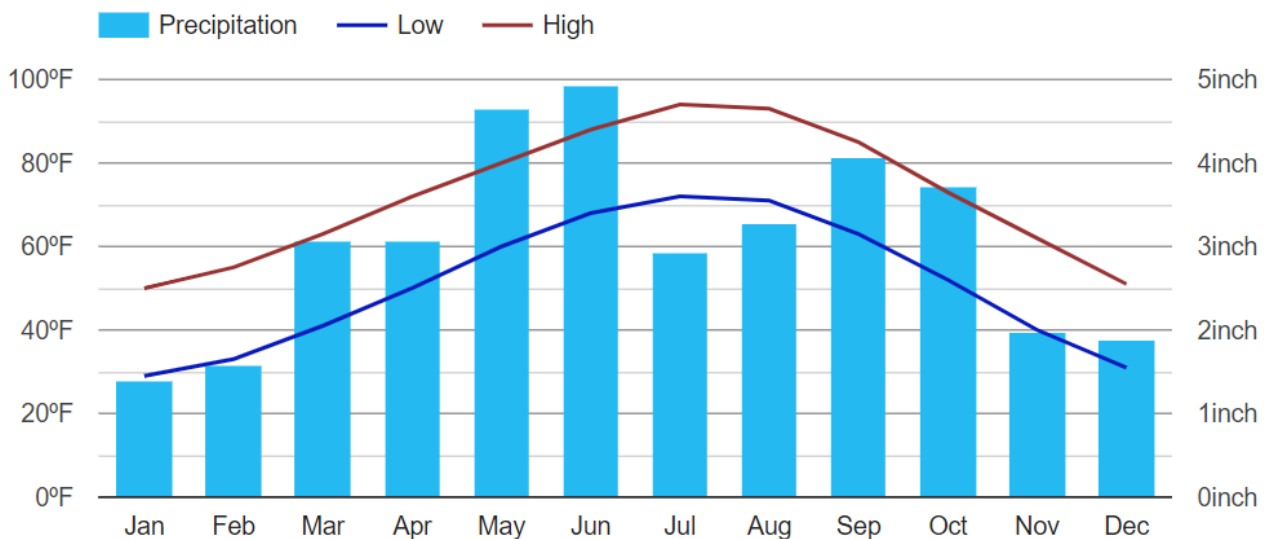
Temperate Climate Zone



Oklahoma City, Oklahoma

Oklahoma City receives on average six inches of snow per year when the average in the United States is 28 inches. Different types of precipitation fall in this city on average 79 days per year. July is the hottest month and January the coldest. The temperature (usually at night) falls below freezing on average 73 days of the year.

Oklahoma City Climate Graph - Oklahoma Climate Chart

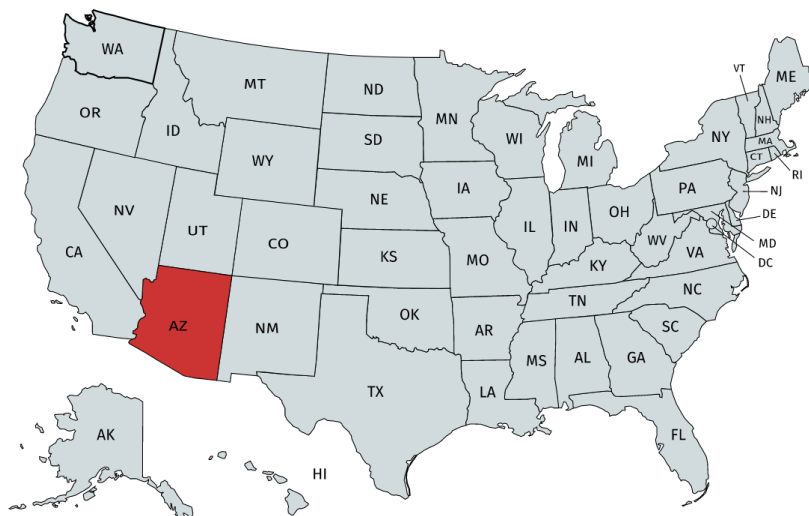
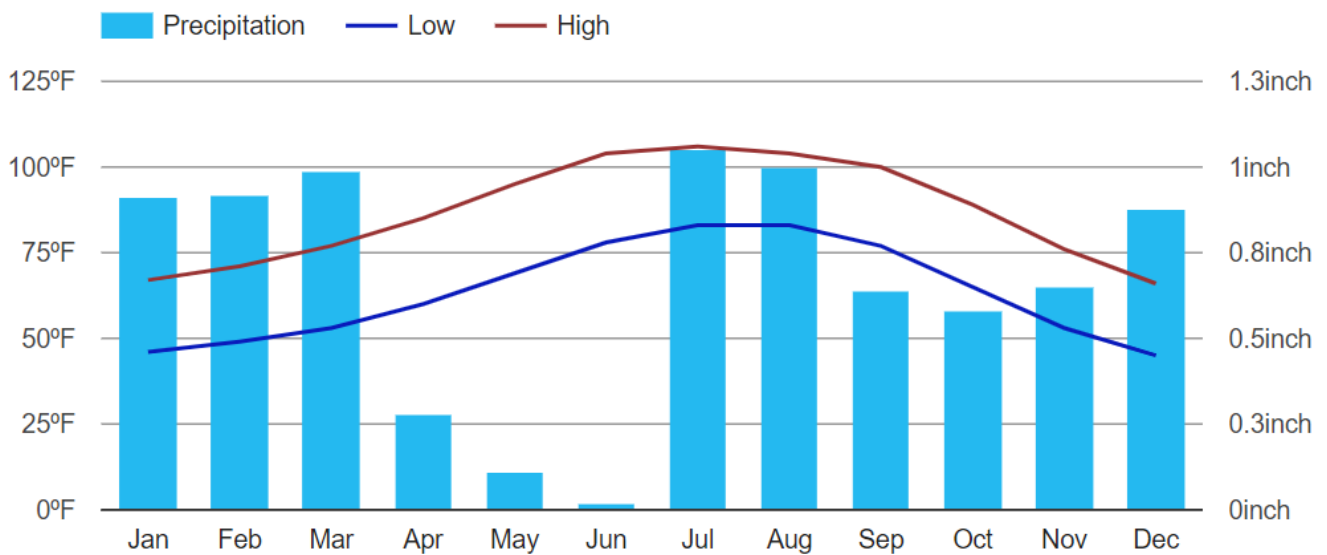


Arid/Dry Climate Zone



Phoenix, Arizona is in the southwestern part of the United States. In an average year, there are 299 days that are sunny in this city which is higher than the average in the United States. Arizona gets very low amounts of precipitation receiving about nine inches of rain per year. Even December with the coldest nighttime temperatures doesn't drop below freezing.

Phoenix Climate Graph - Arizona Climate Chart

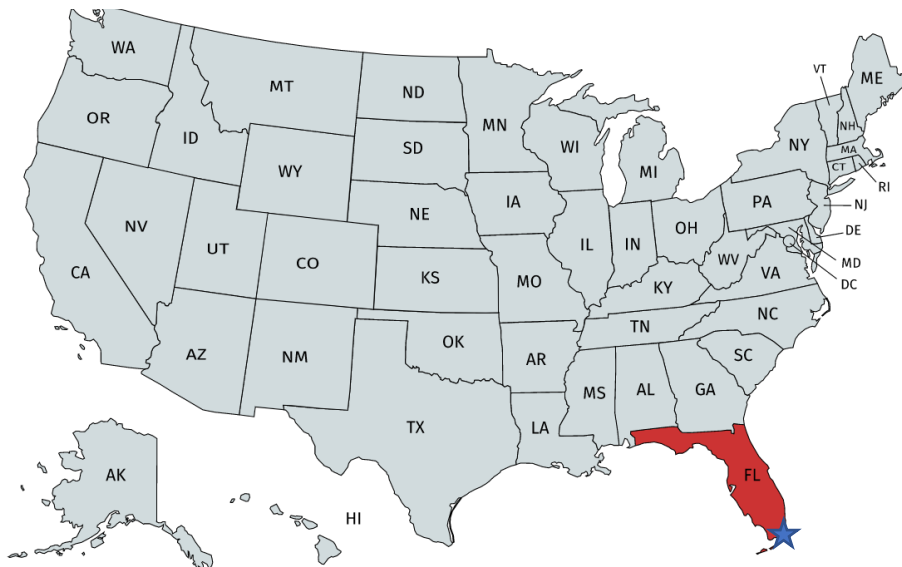
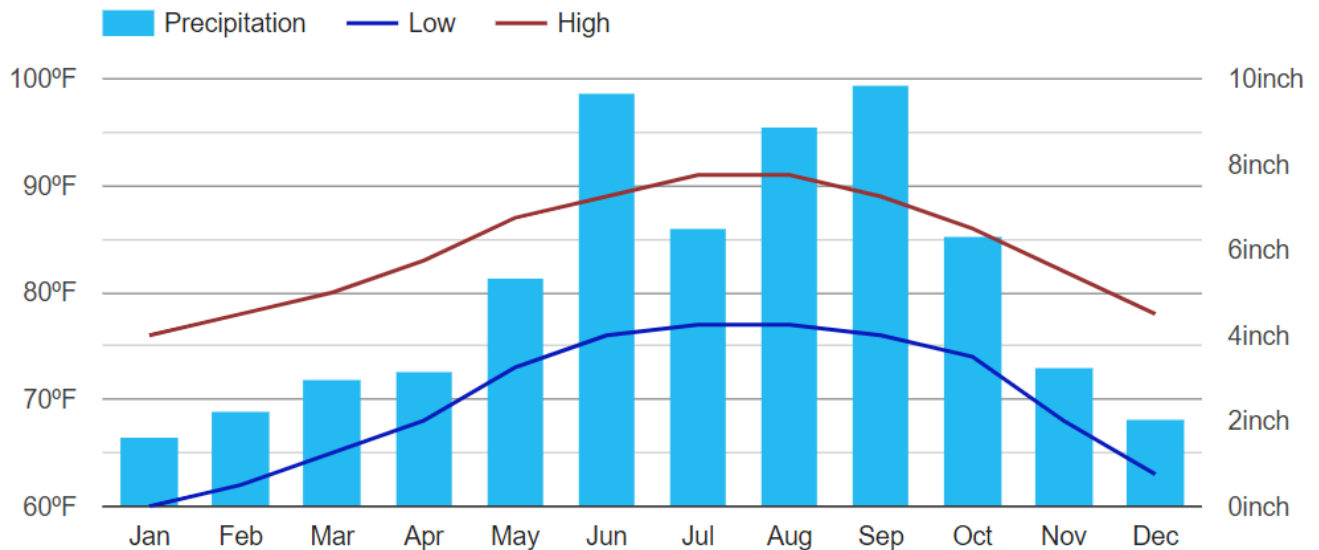


Tropical Climate Zone



Miami, Florida gets an average of 59 inches of precipitation a year – all rain! Days are normally sunny (248 per year) however there are on average 129 days per year where there is some type of precipitation. Even the hottest month of August isn't as hot as other places. The average high temperature is almost 90F. January is the coldest month but only with an average of nearly 61F.

Miami Climate Graph - Florida Climate Chart

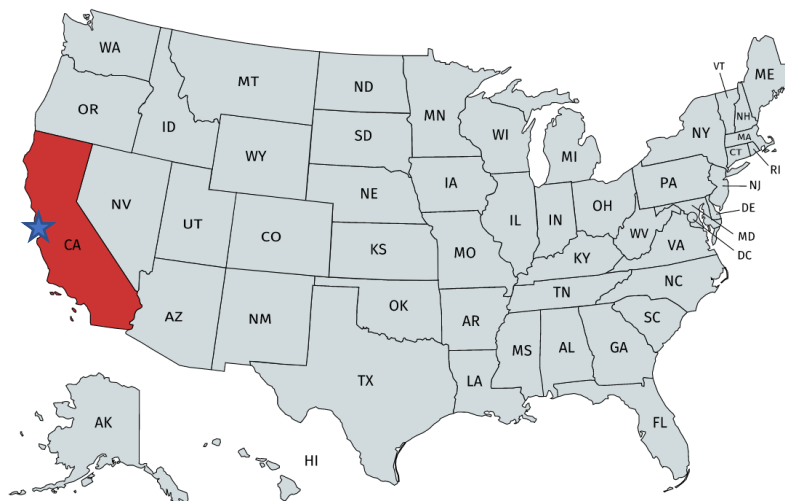
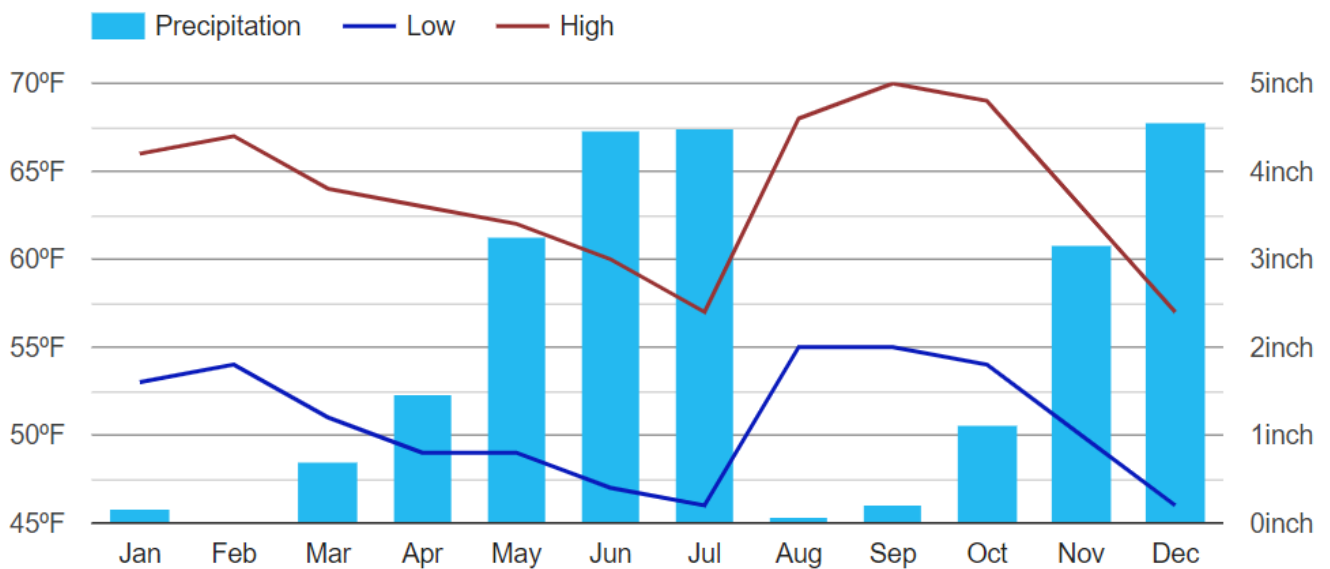


Mediterranean Climate Zone



San Francisco, California has an average high temperature of about 70F in July and there is very low humidity. The low temperature is in January and is in the mid-40s. Snow is a rare occurrence in San Francisco, however there is an average of 25 inches of rain per year. San Francisco has different types of weather during the day depending on where you are ranging from fog to sun.

San Francisco Climate Graph - California Climate Chart



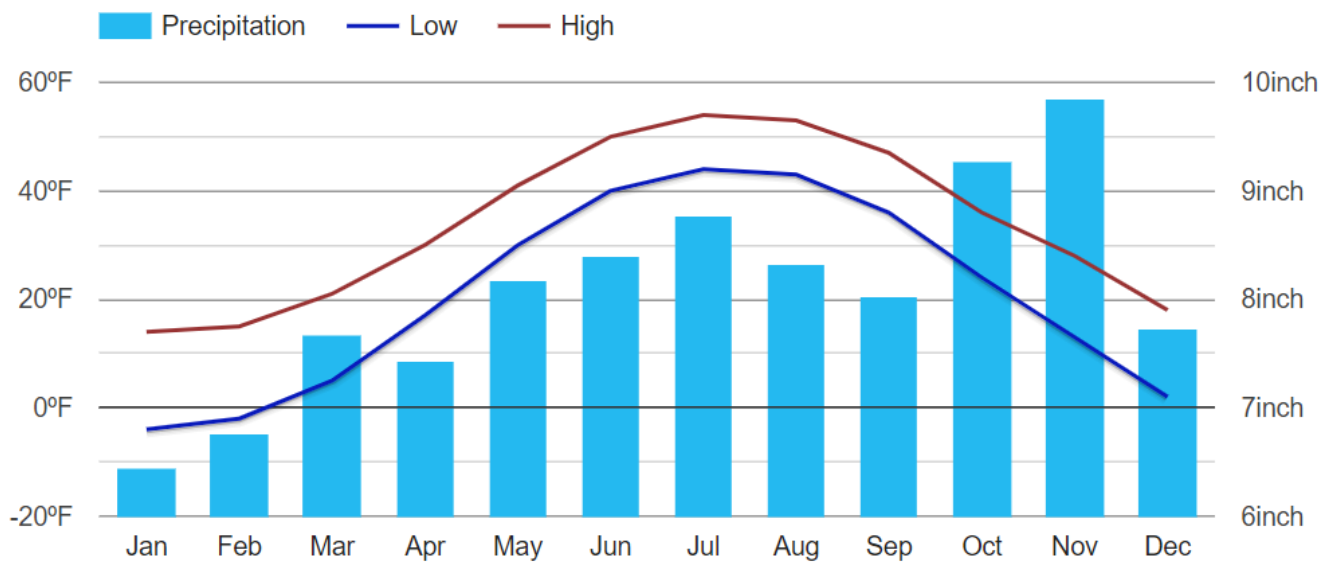
Mountains Climate Zone



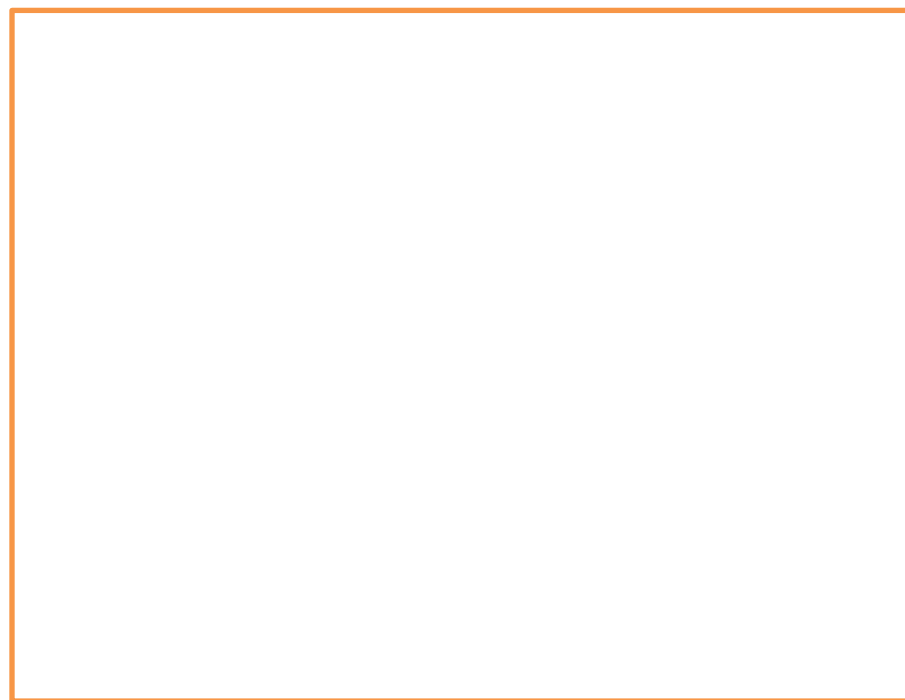
Mount Washington, New Hampshire's climate is described as alpine or mountain. It is known for erratic weather and November gets more rain than most mountain climate regions.

Different mountain climate zones may have characteristics of other zones as well such as desert or Mediterranean. The higher up you go on the mountain the climate may change.

Mount Washington Climate Graph - New Hampshire Climate Chart



You should come visit _____



Your destination is



Make sure you pack the following clothes for your trip!

It has the following type of climate.